

Claims

1. Circuit comprising an integrated switching circuit (1) integrated on a substrate material,

characterized in that a voltage regulating circuit (2) for the provision of a supply voltage (VG) is also integrated on the substrate material.

2. Circuit according to Claim 1,

characterized in that there is an internal connection (5) in the circuit for feeding the supply voltage (VG) from the voltage regulating circuit (2) to the switching circuit (1).

3. Circuit according to Claim 2,

characterized in that the voltage regulating circuit (2) exhibits a contact (6) accessible outside the circuit, at which the supply voltage (VG) can be taken off.

4. Circuit according to Claim 1,

characterized in that, on the substrate material, the switching circuit (1) is electrically isolated from the voltage regulating circuit (2) and the voltage regulating circuit (2) exhibits a contact (6) accessible outside the circuit, at which the supply voltage (VG) can be taken off.

5. Circuit according to Claim 4;

characterized in that the contact (6) is connected to the switching circuit (1) via an electrical connection (9) led outside the substrate material.

6. Circuit according to Claim 5,

characterized in that the contact (6) is connected to the switching circuit (13) via a switch (11).

7. Circuit according to one of Claims 1 to 6,
characterized in that the switching circuit (1) is designed for telecommunications purposes
and is controllable via a data bus (3).

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[In Figures 1-4:]

Spannungsregler = voltage regulator